



Minus K Congratulates the following winners of Minus K's 2025/2026 Educational Giveaway

Minus K Technology's U.S. Educational Giveaway has granted over \$125,000 of its superior performing patented passive mechanical Negative-Stiffness low-frequency vibration isolators since 2014. This year Minus K congratulates the following winners of the 2025/2026 giveaway:

University of Texas at Dallas - Physics Department

The vibration isolator will be used for experiments identifying and assembling stacked two-dimensional heterostructures for quantum transport and scanning tunneling microscopy studies.

University of Pittsburgh - Physics and Astronomy Department

The vibration isolator will be used for experiments with their quantum twisting microscope inside an acoustical chamber.

Northwestern University - Electrical and Computer Engineering Department

The isolator will be used with a diamagnetically levitated optical cavity experiment to develop an ultra-high-Q mechanical oscillator without clamping losses.

University of Illinois Urbana-Champaign - Physics Department

The isolator will be used to support a Fully Motorized 2D Transfer System in an MBraun glovebox used to fabricate van der Waals (vdW) heterostructures, by stacking atomically thin layers—such as Graphene, hBN, and TMDs—to create specific moiré superlattices.

Illinois Wesleyan University - Physics Department

The isolator will be for experiments with Spin noise measurements in GaAs quasi-1D semiconductor mesowires or measurements of thermal conduction of MX3 mesowires with a Michelson interferometer.

Northwestern University - Applied Physics Department

The isolator will assist in experiments by supporting a precision laser frequency stabilization setup based on the Pound–Drever–Hall (PDH) locking technique.

“Minus K believes that assisting research at the college level is essential for the continued advancements within all disciplines.”, says Minus K’s President Steve Varma, “It is a great feeling to help all these colleges with their research. We are always interested in seeing what applications and how the isolators will be used.”

Minus K® Technology, Inc. was founded in 1993 to develop, manufacture and market state-of-the-art vibration isolation products based on the company’s patented negative-stiffness-mechanism technology. Minus K products are used in a broad spectrum of applications including nanotechnology, biological and neuro sciences, quantum computing/research, semiconductors, materials research, zero-g simulation of spacecraft, and high-end audio. The company is an OEM supplier to leading manufactures of scanning probe microscopes, micro-hardness testers and other vibration-sensitive instruments and equipment.

Minus K customers include private companies and more than 300 leading universities and government laboratories in 53 countries.

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